
CDF QCD Meeting

June 13, 2003

CDF Theater 8:30 – 11 am

Agenda

① Jay & Mario News and Announcements (10')

Run 2

② Joey Huston Les Houches Summary (15')

③ Rick Field Run 2 Response Functions (30')

④ Soushi Tsuno W + Jets Report (I) (30')

⑤ Andrea Messina W + Jets Report (II) (30')

Next QCD Meeting: Friday, June 20 (Off-Week)

Upcoming QCD Meetings

Fri	Jun 13	Today
Fri	Jun 20	Off-week QCD meeting EPS Preblessings begin
Fri	Jun 27	On-week QCD meeting Last Preblessing date for EPS
Fri	Jul 4	No meeting
Thu	Jul 10	Special On-week QCD meeting (2–3:30pm) EPS Blessings begin
Fri	Jul 11	On-week QCD meeting Last Blessing date for EPS

Please Contact Mario and me to plan a preblessing/blessing schedule for your Run 2 analysis — or we will contact you.

Upcoming QCD Conference Talks

- **QCD@Work 2003** Conversano, Italy, June 14–18
Hadron Physics at CDF **Speaker: Andrey Korytov**
- **Blois '03 (Elastic and Diffractive Scattering)** Helsinki, Finland, June 23–27
CDF Results on Diffraction **Speaker: Dino Goulianos**
- **EPS 2003** Aachen, Germany, July 17–23 **⇐ First Summer Conference!**
If you are interested in presenting one of these talks, send e-mail immediately to the Speakers Committee! Speakers will be assigned imminently.
 - ① Measurements of Jet and Multijet Cross Sections with the CDF Detector
 - ② Studies of Jet Shapes and Fragmentation Differences of Quark and Gluon Jets with the CDF Detector
 - ③ Studies of W + Jets and Prompt Diphoton Production with the CDF Detector
 - ④ Bottom and Charm Quark Production in CDF at Centre-of-mass Energies of 1.96 TeV
 - ⑤ Results on Diffraction at CDF
- **Lepton-Photon 2003** Fermilab, August 11–16
- **International Symposium on Multiparticle Dynamics** Cracow, Poland, Sep 5–11
Jet Physics at CDF **Speaker to be decided soon...**

EPS Talks / Abstracts (Page 1 of 2)

EPS 2003 Aachen, Germany, July 17–23

① Measurements of Jet and Multijet Cross Sections with the CDF Detector

- The Run 2 Inclusive Jet Cross Section at CDF (G. Flanagan, F. Chlebana)
- Dijet Angular Distribution from CDF Run 2 Data (Y. Shon, L. Pondrom)
- Comparison of CDF Three-Jet Events to NLO QCD (S. Seidel, I. Gorelov)

② Studies of Jet Shapes and Fragmentation Differences of Quark and Gluon Jets with the CDF Detector

- Jet Evolution and the Underlying Event in Run 2 at CDF (R. Field)
- Fragmentation Differences of Quark and Gluon Jets at CDF (A. Pronko, A. Korytov)
- Measurement of Jet Shapes and Energy Flow (M. Martinez-Perez)

③ Studies of W + Jets and Prompt Diphoton Production with the CDF Detector

- Studies of W + Jets Events in Run 2 at CDF (B. Cooper, A. Messina, S. Tsuno)
- Prompt Diphoton Production in CDF Run 2 Data (Y. Liu, R. Blair)

EPS Talks / Abstracts (Page 2 of 2)

EPS 2003 Aachen, Germany, July 17–23

④ Bottom and Charm Quark Production in CDF at Centre-of-mass Energies of 1.96 TeV

- QCD Tests of Heavy Flavor Prod. in Photon Events (T. Shears, R. McNulty, A. Gajjar)

⑤ Results on Diffraction at CDF

- Results on Diffraction from CDF Run 2 Data (K. Goulianos, M. Gallinaro)

Today's Meetings

Joint Physics Meeting, CDF Theater, 11:30 – 1:00 pm

- ① Brief Update on the Higgs Sensitivity Study
- ② Status of Luminosity Measurement for Summer Analyses
- ③ Electron Baseline Cuts, Central and Plug

Brian Winer/Joe Kroll

Sasha Sukhanov

Cigdem Issever, Eva Halkiadakis